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APPLICATION NO	NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,864		09/22/2003	James J. Kowalczyk	2003946-0057 (HEAT/CIP)	1361
24280	7590	02/10/2005		EXAMINER	
Choate, I	Hall & Stew	art	DESAI, RITA J		
Exchange	Place				
53 State S	treet			ART UNIT	PAPER NUMBER
Boston, N	1A 02109		1625		

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No. Ap		applicant(s)					
	10/667,864	KOW	KOWALCZYK ET AL.		************************				
Office Action Summa	Examiner	Art U	Jnit		·				
		Rita J. Desai	1625						
The MAILING DATE of this co Period for Reply	mmunication app	ears on the cover she	et with the corres	oondence ad	ldress				
A SHORTENED STATUTORY PER THE MAILING DATE OF THIS COM - Extensions of time may be available under the p after SIX (6) MONTHS from the mailing date of te - If the period for reply specified above is less that - If NO period for reply is specified above, the may - Failure to reply within the set or extended period Any reply received by the Office later than three earned patent term adjustment. See 37 CFR 1.7	IMUNICATION. ovisions of 37 CFR 1.13 nis communication. It thirty (30) days, a reply imum statutory period w for reply will, by statute, months after the mailing	66(a). In no event, however, r within the statutory minimum iill apply and will expire SIX (6 cause the application to bec	nay a reply be timely filed of thirty (30) days will be b) MONTHS from the mail time ABANDONED (35 U	considered timel ing date of this c l.S.C. § 133).	ly. ommunication.				
Status									
1) Responsive to communication	(s) filed on	_•							
2a) This action is FINAL .									
·	· 								
Disposition of Claims									
4) ☐ Claim(s) 56-79 is/are pending in the application. 4a) Of the above claim(s) 62,78 and 79 is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) 56-61,63-77 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement.									
Application Papers									
9)☐ The specification is objected to	by the Examine	r. '							
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.									
Applicant may not request that ar	y objection to the	drawing(s) be held in a	beyance. See 37 C	FR 1.85(a).					
Replacement drawing sheet(s) in 11) The oath or declaration is obje	-	·							
Priority under 35 U.S.C. § 119				- *					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 									
Attachment(s)		-							
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Re 		view Summary (PTO⊸ er No(s)/Mail Date. <u>2/2</u>							
Notice of Draitspersor's Faterit Drawing Re Information Disclosure Statement(s) (PTO-Paper No(s)/Mail Date 12/29/03.		ce of Informal Patent A	nformal Patent Application (PTO-152)						

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DETAILED ACTION

Claims 1-55 are cancelled.

New Claims 56-79 drawn to intermediates are added.

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 56-61, 63-77 in part drawn to compounds which are intermediates wherein RG1, R2, RM2, RM1, R6, RX1, RX2, are all H or aliphatic or aryl, L is CCRL1RL2 and g is 2, classified in class 546 and various subclasses.
- II. Claims 56-61, 63-79 in part drawn to compounds and intermediates wherein RG1, R2, RM2, RM1, R6, RX1, RX2, L and g are other than those given in group I, classified in class 546, 544, 548 and various subclasses. A further election of a single disclosed species is required. May be subject to further restriction.
- III. Claims 62-79 in part drawn to compounds which are intermediates as given in claim 62, classified in various classes and subclasses. A further election of a single disclosed species is required. May be subject to further restriction.
- IV. Claims 56-79 in part, drawn to groups other than in Groups I-III, classified in various classes and subclasses.

The inventions are distinct, each from the other because of the following reasons:

Inventions I-IV are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different

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functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case the different inventions have a different core, bonding and different effects. The presence of all the various hetero groups with different hetero atoms gives the compound different properties and effects and geometric arrangements.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, III or IV, restriction for examination purposes as indicated is proper.

During a telephone conversation with Ms. Nadege Lagneau on 2/2/05 a provisional election was made with traverse to prosecute the invention of Group I, claims 56-61, 63-77 in part drawn to compounds which are intermediates wherein RG1, R2, RM2, RM1, R6, RX1, RX2, are all H or aliphatic or aryl, L is CCRL1RL2 and g is 2, classified in class 546 and various subclasses.

Affirmation of this election must be made by applicant in replying to this Office action. Claims 62, 78, 79 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

If applicant 's traverse on the grounds that the inventions are not patentably distinct, applicants should submit evidence or identify such evidence now of record showing the groups

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to be obvious variants or clearly admit on the record that this is the case. In either instance if the

examiner finds one of the inventions unpatentable over the prior art, the evidence or admission

may be used in a rejection under 35 USC 103 of the other invention.

Applicants preserve their right to file a divisional on the cancelled non-elected subject matter

without prejudice in due course.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the

inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the

currently named inventors is no longer an inventor of at least one claim remaining in the

application. Any amendment of inventorship must be accompanied by a request under 37 CFR

1.48(b) and by the fee required under 37 CFR 1.17(i).

Conclusion

The claims are allowable over the prior art.

If applicants amend the claims to the elected group, the claims may be allowable.

Closest Prior Art:-

Steiner et al US 5798355 is the closest.

Applicants claims are drawn to

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wherein RG1, R2, RM2, RM1, R6, RX1, RX2, are all H or

aliphatic or aryl, L is CCRL1RL2 $\,$ and $\,$ g is 2 $\,$.

The prior art teaches compounds of the formula

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whereis

R₁=m-OCH₂Ph (Compound 79)

X=trans-CH=CH

R₂=II

Y=OC(0)Ph

R₁=m-OCH₂Ph (Compound 80)

X=trans-CH=CH

R₂=II

Y=OC(0)CF₃

R₁=m-OCH₂Ph (Compound 81)

X=trans-CH=CHI

R₄=-
Y=
R₁=m-OCH₂Ph (Compound 82)

X=trans-CH=CH

R₄=II

Y=OCH₂CH=CH₂

R₁=m-OCH₂Ph (Compound 83)

X=C=O

R₄=II

Y=Ph

In column 58 of the patent.

X is a CH=CH R4 is a H and Y is Ph.

Applicants compounds have a N-CH3 instead of the NH as given in the prior art.

There is no motivation to change the secondary to a tertiary amine.

DE 10230874, Alexander Domling et al teaches similar compounds but the date is not good.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rita J. Desai whose telephone number is 571-272-0684. The examiner can normally be reached on Monday - Friday,9:30 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cecilia Tsang can be reached on 571-272-0562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Primary Examiner
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

R.D. February 2, 2005